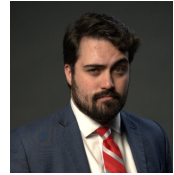


# Rhett Alan Smithgall

✉ rhettsmithgall@gmail.com  
🌐 www.RhettSmithgall.com

🔗 RhettSmithgall

📞 (904)430-3648



## Education

- 2023 - 2026 **University of North Florida**  
graduating May 2026 with a bachelor's in Computer Science  
z/OSpreys Mainframe club
- 2020 - 2022 **Florida State College at Jacksonville**  
Associate in Arts

## Projects

All available at my website or GitHub

- C **Denial of Service simulator**, a multi-threaded client-server system in C using network sockets to simulate high-concurrency load, measuring per-thread response times to analyze server performance under DOS and DDOS attacks.
- Java **Math Monster**, a scientific calculator as a compiler-style system in Java using ANTLR, implementing a custom grammar, parser, and Dijkstra's Shunting Yard algorithm to correctly evaluate expressions with operator precedence. *Won faculty choice at the 2024 school of computing symposium*
- C **sys/Chat**, a multi-user, Discord-style chat lobby application on Unix System Services (USS) on the University mainframe LPAR.
- HTML **Websites**
  - zos.ospreys.biz/badges/leaderboard.php- A leaderboard for student z xplore badges
  - rhettsmithgall.com- all about RHETT!
  - d2policeofficers.com- for my clan in the game destiny 2

## Skills

- Programming **COBOL, JCL, RACF, Python, Java, C, C++, L<sup>A</sup>T<sub>E</sub>X, SQL, JavaScript, HTML, CSS**
- Certifications **IBM All-Star, Z101, Adobe Photoshop (CS5, CS4), Premiere Pro (CS5)**

## Notable Roles

- 2025 - 2026 **Systems Programming** Teachers Assistant  
Administrator for the project server. supporting students working in Unix System Services (USS) and Linux environments. Wrote a guide to encoding on the mainframe.
- Mainframe LPAR for UNF** System administrator  
Password resets, adding new users, and managing RACF groups. deployed PHP and Go environments in USS. Developed the "leaderboard" site on zos.ospreys.biz

## Employment

- 2016 - 2020 **Compute This!** Repair Technician  
Diagnosed and repaired hardware and software issues on consumer personal computers and laptops. Swapping motherboards, removing viruses, and everything in between.